

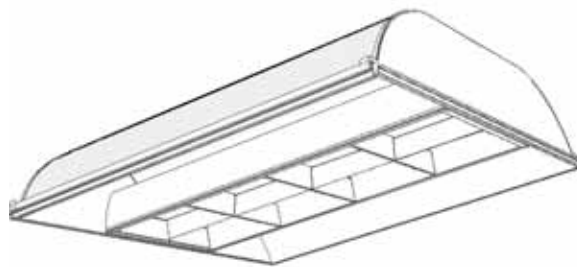
LIGHTOLIER® Paraplus II PPH2G8FW217 or 317

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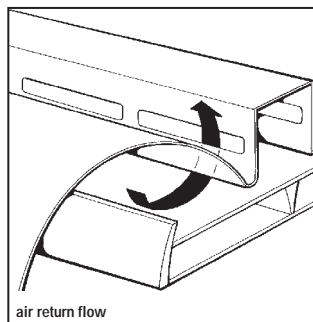
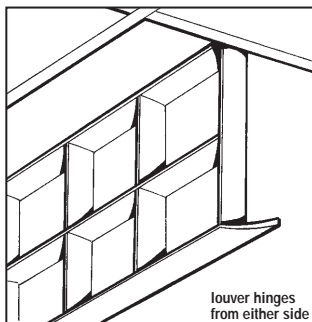
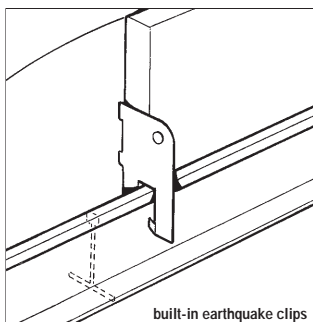
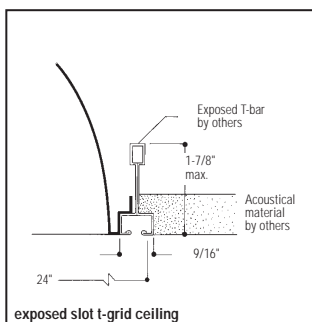
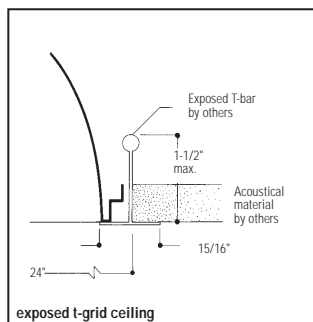
Direct/Indirect 2' x 2' Recessed Fluorescent
8 Cell White Louver With Lens Overlay, 2 or 3 Lamp T8

Features

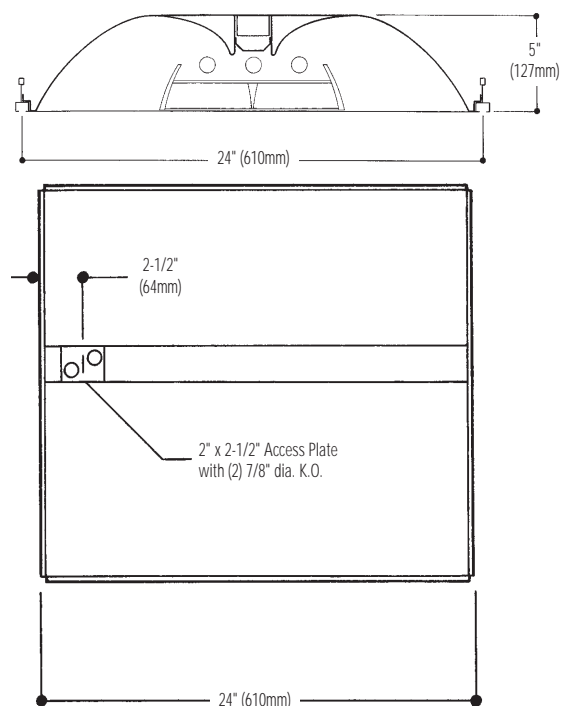
- Direct/indirect louver appearance with soft contoured interior.
- 8 cell flat white louver with lens overlay.
- Air return models meet UL 1598, Paragraph 9.2.2.5 requirements.
- 62.9% efficient (2 lamp T8).
- 61.7% efficient (3 lamp T8).
- Only 5" deep.
- Tension bars secure ends to body.
- Same fixture fits both G and T ceiling types.
- Fits flush to face of slot grid (T) ceiling.
- Static, optional.
- Louver hinges from either side.
- End of louver gasketed to eliminate light leak.
- Built-in earthquake clips.
- Can be continuous row mounted.
- Wiring access plate standard.
- Meets NYC Code requirements.
- Construction to meet Chicago Plenum requirement is available.



Mounting Methods



Dimensions



Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Volts/Ballast:

For Factory Technical Information: (978) 657-7600 • Fax (978) 658-0595
631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
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05/08

Section 5/Folio M10-36

LIGHTOLIER® Paraplus II PPH2G8FW217 or 317

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Direct/Indirect 2' x 2' Recessed Fluorescent
8 Cell White Louver With Lens Overlay, 2 or 3 Lamp T8

Model No. PPH2G8FW217120S0

LER = FP - 42.7 IW - 37.7 BF - 0.93
Comparative yearly lighting energy cost per
1000 lumens = \$5.62

Report Number: G01068
Catalog Number: PPH2G8FW217120S0
Lamps: F17/T8
Luminaire: Paraplus with white painted
interior, white painted 8 cell parabolic
louver with prismatic overlay.
Ballast: Triad B33211200RH-A
Report is based on 1375 Lumens per lamp.
Efficiency: 62.9%
CIE Type-Direct-Indirect
Plane: 0-Deg 90-Deg
Spacing Criteria: 1.2 1.2
Shielding Angles: 55 65
Plane: 0-Deg 90-Deg
Luminous Length: 22.920 22.920

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD, EFFECTIVE FLOOR CAVITY REFLECTANCE 0.20

RC	80	50	30	10
RW	70	50	30	10
1	69	67	64	63
2	64	59	55	53
3	59	53	48	50
4	54	47	42	45
5	50	42	37	40
6	46	39	33	37
7	43	35	30	34
8	40	32	27	31
9	38	30	25	29
10	35	28	23	27

CANDELA DISTRIBUTION

	0.0	45.0	90.0	FLUX
0	777	777	777	
5	769	773	777	74
15	723	738	754	209
25	652	675	709	312
35	546	568	547	349
45	393	422	445	314
55	238	236	260	225
65	147	157	163	155
75	73	67	56	72
85	21	20	16	22
90	0	0	0	

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0- 30	594	21.6	34.3
0- 40	943	34.3	54.5
0- 60	1481	53.8	85.6
0- 90	1730	62.9	100.0
90-180	0	0.0	0.0
0-180	1730	62.9	100.0

LUMINANCE DATA IN CANDELA/SQ. METER

AVERAGE IN DEG.	AVERAGE 0-DEG.	AVERAGE 45-DEG.	AVERAGE 90-DEG.
45	1639.	1760.	1856.
55	1224.	1214.	1337.
65	1026.	1096.	1138.
75	832.	764.	638.
85	711.	677.	541.

Model No. PPH2G8FW31712003

LER = FP - 47.4 IW - 47.4 BF - 0.88
Comparative yearly lighting energy cost per
1000 lumens = \$5.06

Report Number: G2005306
Catalog Number: PPH2G8FW31712003
Lamps: F17/T8
Luminaire: Paraplus with white painted
interior, white painted 8 cell parabolic
louver with prismatic overlay.
Ballast: B3321120RH-A
Report is based on 1375 Lumens per lamp.
Efficiency: 61.7%
CIE Type-Direct-Indirect
Plane: 0-Deg 90-Deg
Spacing Criteria: 1.2 1.3
Shielding Angles: 55 65
Plane: 0-Deg 90-Deg
Luminous Length: 22.800 22.800

CANDELA DISTRIBUTION

	0.0	45.0	90.0	FLUX
0	1107	1107	1107	
5	1094	1102	1109	105
15	1024	1054	1090	299
25	925	986	1075	458
35	783	871	924	539
45	560	650	681	481
55	326	352	377	326
65	203	223	225	218
75	96	91	76	97
85	24	21	20	24
90	2	2	2	

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD, EFFECTIVE FLOOR CAVITY REFLECTANCE 0.20

RC	80	50	30	10
RW	70	50	30	10
1	68	65	63	62
2	63	58	54	55
3	58	52	47	49
4	53	46	41	44
5	49	42	37	40
6	46	38	33	36
7	42	35	29	32
8	40	32	27	30
9	37	29	24	28
10	35	27	22	26

LUMINANCE DATA IN CANDELA/SQ. METER

AVERAGE IN DEG.	AVERAGE 0-DEG.	AVERAGE 45-DEG.	AVERAGE 90-DEG.
45	1639.	1760.	1856.
55	1224.	1214.	1337.
65	1026.	1096.	1138.
75	832.	764.	638.
85	711.	677.	541.

LUMINANCE DATA IN CANDELA/SQ. METER

AVERAGE IN DEG.	AVERAGE 0-DEG.	AVERAGE 45-DEG.	AVERAGE 90-DEG.
45	2361.	2740.	2871.
55	1694.	1829.	1959.
65	1432.	1573.	1587.
75	1106.	1048.	875.
85	821.	718.	684.

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0- 30	861	20.9	33.8
0- 40	1400	33.9	55.0
0- 60	2207	53.5	86.7
0- 90	2546	61.7	100.0
90-180	0	0.0	0.0
0-180	2546	61.7	100.0

Ordering Information

Explanation of Catalog Number. Example: PPH2G8FW217120S0

Paraplus II	Body Style: H = Air Return S = Static	Fixture Width	Ceiling Type: Fits both Standard Grid and Slot Grid	Number of Cells: 8 = 2 rows of 4 cells	Flat White Louver and Body	Lens Overlay: M = Matte White Acrylic .040 Thick W = Pattern 20 Prismatic .140 Thick O = K20 with White Overlay V = .095 Pattern 12	Lamp Quantity 2=2 Lamp 3=3 Lamp	Lamp: (By Others) 17=T8 (Nominal 24")	Voltage: 120, 277 or UNV=120-277	Options: Add appropriate suffix to catalog no., ie: (GLR)
PP	Standard Paraplus II									
PY	For NYC Code - I.B.E.W. Manufactured									
P3	For NYC Code - Local 3 Manufactured									

Options/Accessories

Fusing: Internal fast blow fusing: SUFFIX: GLR.

Internal slow blow fusing: SUFFIX: GMF.

Drywall Kit: Order Catalog Number: FK92X2 and CF2FK SPACER.

Electrical Wiring Options: Consult factory.

Chicago Plenum: SUFFIX C.

Specifications

Performance: In an installation of 2 lamp 17W luminaires in a room cavity ratio of 1, with reflectance 80% ceiling, 50% wall, 20% floor, the C.U. shall not be less than .67. To reduce glare the average brightness at 65° shall not exceed 1138 candelas per square meter. To control veiling reflections, luminaire output in the 30°-90° zone shall not be less than 65.7%.

Materials: Chassis parts are die-formed code gauge steel. Housing has all edges turned for safe-handling.

Finish: Chassis exterior - baked white post painted acrylic enamel. Cavity - baked white post painted acrylic enamel. Louver - baked white post painted acrylic enamel, minimum 86% reflectance. Phosphate undercoating.

Specifications (continued)

Overlay: M=Matte white acrylic .040 thick. W=Pattern 20 prismatic .140 thick. O=K20 with white overlay. V=.095 acrylic pattern 12.

Electrical: Thermally protected class "P" ballast C.B.M. approved, non PCB. If K.O. is within 3" of ballast, use wire suitable for at least 90°.

UL Listed for damp locations.

Labels: I.B.E.W./UL and ULc Listed.

This product may have a mercury containing lamp. Manage in accord with Disposal Laws.

See: www.lamprecycle.org

Job Information

Type:

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